

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

Released: June 27, 2011  
Week ending: June 26, 2011  
Volume: 13-11

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**Weather:** Conditions were slightly warmer and drier this week with very little precipitation. Low temperatures ranged from 30 degrees in Christmas Valley to 50 degrees in Portland. High temperatures ranged from 63 degrees in Crescent City to 97 degrees in Grants Pass. Average temperatures were between 54 and 69 degrees, and the average across the state of 61 degrees, was slightly more than two degrees below normal. Only ten of the forty-three stations reported measurable precipitation, and only two of those ten reported more than a tenth of an inch. Only seven stations reported average temperatures above normal.

**Field Crops:** Most crops continued to progress thanks to warmer temperatures. Grass seed crops were in full pollination and almost ready to cut. Striped rust in winter wheat continued to be a problem. Sherman County wheat was showing heat stress. Hay cutting and baling continued.

**Vegetables:** A dry week with moderate temperatures allowed for vegetable ground preparation and planting. Sweet corn planting was wrapping up and being irrigated. Vegetables were growing well in Washington County.

**Fruits and Nuts:** Orchard crops continued to mature slower than most years. The warmer weather this past week was much better for all fruit crops. Cherry fruit fly spraying continued. Hand

thinning of summer pears and apples continued throughout Hood River Valley. Clackamas County reported little green apples and cherries were visible. Some of the early cherry varieties were being picked in Douglas County, and showed good quality. Lane County reported that yields looked to be down on most tree fruits. Filbertworm emergence began this week. The wine grape crop continued to be about 3 weeks behind normal maturation due to the lack of heat units. Strawberry harvest of this year's excellent quality crop continued. Wild blackberries were still in bloom. Early blueberries were starting to show.

**Nurseries and Greenhouses:** The weather this past week was good for garden work. Some nurseries had a delayed start due to a late season and slow economy. Greenhouses were still busy with vegetable and decorative starts. Nurseries were busy with potted plants and shrubs. Plant upkeep, irrigation and feeding were active.

**Livestock, Range and Pasture:** Warmer and dryer weather promoted grass growth. This also brought drying and reduced forage on some of our dryland range and pastures. Animals will be moved to irrigated pastures, if available, as the summer progresses. Watering and feeding was done as needed. Livestock look healthy.

**Soil Moisture - Week Ending 06/26/11**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	18	74	7
Subsoil	0	10	84	6

**Crop Progress - Week Ending 06/26/11**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	75	70	67	82
Winter wheat headed	99	90	100	98
Days suitable for fieldwork	6.9	6.1	6.8	6.7

**Crop Condition - Week Ending 06/26/11**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	2	10	68	19
Spring wheat	0	1	10	71	18
Barley	0	0	13	67	20
Corn	0	0	30	67	3
Range and pasture	2	4	18	63	13

## Western Oregon

**CLACKAMAS:** Mild conditions this past week, mostly dry and cool. Vegetable planting conditions were favorable. Strawberry harvest was on-going. Hay harvest was tough due to lack of drying temperatures. Irrigation started on cannery crops and nursery. Grass seed crops pollinating with ideal conditions; cool with light wind. Little green apples and cherries were visible.

**COLUMBIA:** Decent weather this week but still relatively cool. No hay was in the barns yet.

**COOS/CURRY:** Low temperatures were 1 to 2 degrees below the 5-year average in Brookings (southern Curry) and in Bandon (Coos County). High temperatures through the week were slightly below the 5-year average in Bandon, but almost 4 degrees below the 5-year average in southern Curry. Only trace amounts of precipitation for Coos on 2 days and none for Curry. Producers continued to move more cattle onto the bottoms as possible. Warm, windy, and dry conditions have contributed to pasture drying, and diminished forage quality. More haylage was being put up (wrapped) and some regular grass hay was being made later in the week. There were 7 days suitable for field work during the period. Bandon (Coos & Northern Curry): Low temperature for the period was 44.46 degrees, 1.53 degrees below the 5-year average. High temperature for the period was 63.84 degrees, 0.34 degrees below the 5-year average. Precipitation for the period was 0.03 inches, which is 0.01 inches above the 5-year average for the week. For weather year 2011 (beginning 10/1/2010) precipitation stood at 52.57 inches, 2.14 inches below the 5-year average. Historical average precipitation through the month of June is 57.48 inches. Brookings (Southern Curry): Low temperature for the period was 46.75 degrees, 0.42 degrees below the 5-year average. High temperature for the period was 74.7 degrees, 3.76 degrees below the 5-year average. Precipitation for the period was 0.0 inches, compared to a 5-year average of 0.01 inches. For weather year 2011 (beginning 10/1/2010) precipitation stood at 87.3 inches, 6.49 inches above the 5-year average. Historical average precipitation through June is 73.71 inches.

**DOUGLAS:** A dry week with moderate temperatures had farmers finishing their vegetable ground preparation and planting. Hay farmers were busy cutting and baling hay. Hay crops had big yields and were a bit coarse. Orchard crops were maturing a little slower than most years. Some of the early cherry varieties were being picked, and showed good quality. The wine grape crop continued to be about 3 weeks behind normal maturation due to the lack of heat units. We are about 20 percent behind last year's heat units at this time and about 40 percent behind long term averages. Growers will need a near perfect summer to get this crop mature. River water levels continued to be high with the late snow melt. There probably won't be any water shortages for irrigation this year.

**JACKSON:** With the sunny and dry weather all field crops were looking better, and farmers and ranchers were busy trying to get caught up. Hay making was off to really good start. The wet spring has made for a good crop. If the weather holds out, this will be a great year for hay. The warmer weather was much better

for all fruit crops. Some spot spraying for weeds, and other sprays were applied as needed. Vineyards also liked the better weather, with lots of vine growth. Some berries were done with bloom, but wild blackberries were still in bloom. A lot of garden work was going on with the good weather. Larger farm gardening was now off to a good start. Sweet corn planting was wrapping up, and vegetable plantings were requiring plenty of water with the warmer temperatures. There was still a fair supply of vegetable and decorative starts at outlets, so greenhouses were still busy. Nurseries were busy with potted plants and shrubs. They were also getting new stock planted and growing. Of course a lot of stock care, watering, and feeding was done as needed. All livestock was looking good, but as dry ground pastures started to dry up, animals were being moved to irrigated pastures. There was still some forage in the dry ground pastures, but it will be used up soon.

**JOSEPHINE:** Overnight temperatures were in the 40's – 54 degrees. Daytime temperatures were between 60 – 85 degrees. Irrigation had not started in grass hay fields yet. There were still some hay-bales out on the fields, with a very good yield. Fire season should start this weekend. Planting was very late this year, about 2 weeks or more behind, with hopes the season is long enough. Nurseries are slow this year because of the late start to the season, and economics in our area.

**LANE:** Crops were slowly catching up. Seed crops were showing lower yields due to cool spring. Grass seed crops were in full pollination and almost ready to cut. Annual ryegrass had a few fields with borders windrowed; more will go down next week. Mint harvest on double cutting had started. Oil content probably will be low with lack of heat units. Haying throughout county had started. A lot of diseases were still affecting crops, vegetables, berries, and tree fruits. Disease may spread if more rain comes. Yields look down on most tree fruits. It has been a very good strawberry crop this year and looks to be a bumper blueberry crop.

**WASHINGTON:** Some crimson clover was still in full bloom, others have good seed set. Red clover was bounding back after silage hay cut. Wheat was looking good. Many road side stands were selling strawberries each day. Quality was excellent with the season holding well for Hood's and ever bearing strawberries. Early blueberries were starting to show. Most of the sweet corn was planted and emerged, along with being irrigated. Peas were growing well. Squash, tomatoes and general vegetables were finally growing. Greenhouses and nurseries were selling rapidly. Grass was planned to be cut in some pastures. Livestock was doing well and calves were healthy. High temperature of 79 degrees, a low of 50 degrees, and no rain.

**YAMHILL:** Good weather made for better progress on crops but everything was still about 3 weeks behind. More hay was harvested as the rains were minimal this week. Filbertworm emergence began this week. Cherry fruit fly spraying continued.

## Eastern Oregon

**CROOK/DESCHUTES/JEFFERSON:** Hay harvest began about 2 weeks ago for the tri-county area of Crook, Deschutes and Jefferson counties, especially for Jefferson County. Much of the first fields harvested were rained on. It has been about 7 days (Saturday, June 18) since the last bit of precipitation, so much more hay went down this week. Stripe Rust showed up in the winter wheat about two weeks ago. Temperatures were finally in the 70's with a few 80 degree days, although warmer temperatures would be better for conserving hay and allowing winter wheat adult plant resistance for stripe rust to kick in. Pasture has been slow in general to grow but the last 2-3 weeks have helped to finally get some growth on both irrigated pastures and range.

**HARNEY:** Rangelands and pastures responded to warmer conditions with a marked increase in forage production. First cutting was in full swing as hay growers took advantage of dry and warmer conditions.

**HOOD RIVER:** Variable temperatures and dry weather prevailed through the week. Calm conditions on several days

provided growers with opportunities to apply orchard sprays. Hand thinning of summer pears and apples and routine summer orchard operations continued throughout the Hood River Valley. Pinot noir grapes were at Eichhorn-Lorenz stages 17 to 19.

**SHERMAN:** Wheat was showing signs of stress as warm temperatures continued, certainly not as pretty as two weeks ago. It appeared mostly in shallow parts of the fields but some patchiness more evident in stands.

**WALLOWA:** Not much change from the previous week. There was still some moisture but warmer temperatures too.

**WASCO:** Sweet cherry harvest will begin on or about June 25 in Wasco County. Growing degree day accumulation throughout the Pacific Northwest has significantly lagged behind any year in recent history. It is suspected that peak harvest for Wasco County will be around July 12, which is later than it has ever been.

**Weather data for selected stations in Oregon, Week ending: June 26, 2011 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria	44	71	58	+2	60	+5	0.12	-0.39	2	80.93	17.26	127	207
Bandon <sup>8</sup>	44	64	56	-2	43	-5	0.03	-0.24	2	54.37	-3.03	95	192
Crescent City	43	63	54	-4	30	-19	-	-0.22	-	63.12	-0.65	99	149
Florence	40	70	57	-3	48	-11	0.03	-0.43	1	78.36	4.32	106	199
North Bend	45	66	57	-2	48	-8	-	-0.30	-	46.99	-14.77	76	144
Tillamook	43	72	59	+3	65	+18	0.01	-0.65	1	78.50	-6.44	92	190
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	47	83	62	-2	86	-5	-	-0.34	-	49.84	10.57	127	186
Corvallis	48	82	61	-2	80	-7	0.02	-0.22	1	44.71	3.52	109	185
Detroit Lake <sup>8</sup>	41	86	62	+3	83	+16	-	-0.44	-	98.59	33.44	151	193
Eugene	43	80	60	-5	72	-23	-	-0.28	-	38.54	-9.12	81	148
Hillsboro	43	83	60	-3	73	-17	-	-0.30	-	38.39	2.57	107	171
McMinnville	45	84	62	-2	84	-5	-	-0.21	-	43.68	1.79	104	171
Portland	50	83	63	-2	94	-11	-	-0.29	-	46.19	11.75	134	174
Salem	47	84	63	+0	92	+1	-	-0.28	-	46.80	9.08	124	166
<b>SW VALLEYS</b>													
Grants Pass	46	97	68	+1	130	+4	-	-0.07	-	39.56	9.29	131	142
Medford	45	96	69	+1	134	+4	-	-0.12	-	20.84	2.80	116	111
Roseburg	46	88	65	+0	109	+4	-	-0.14	-	36.26	4.66	115	156
<b>NORTH CENTRAL</b>													
Condon	38	87	59	-3	64	-17	-	-0.21	-	17.59	4.79	137	133
Echo <sup>8</sup>	46	91	65	-5	107	-26	-	-0.07	-	12.57	4.27	151	119
Heppner	43	88	62	-4	84	-22	-	-0.17	-	18.28	5.49	143	126
Hermiston	41	92	65	-5	108	-25	-	-0.07	-	13.03	4.73	157	114
Madras <sup>8</sup>	37	85	60	-4	69	-25	-	-0.14	-	9.97	0.61	107	105
Moro	40	83	59	-5	65	-29	-	-0.14	-	14.41	4.11	140	100
Parkdale <sup>8</sup>	36	84	58	-6	59	-36	-	-0.14	-	45.91	15.99	153	163
Pendleton	43	88	63	-6	91	-38	-	-0.14	-	17.36	6.28	157	124
Prairie City <sup>8</sup>	37	85	60	-4	69	-25	-	-0.14	-	9.97	0.61	107	105
The Dalles	48	90	67	+5	119	+26	-	-0.14	-	14.50	2.83	124	110
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	40	83	61	+2	77	+10	-	-0.18	-	16.77	1.72	111	103
Bend	35	88	59	-1	62	-5	-	-0.21	-	7.48	-3.07	71	53
Burns	39	86	61	+1	76	+4	-	-0.18	-	14.95	6.13	170	118
Christmas Valley <sup>8</sup>	30	88	57	-8	47	-49	-	-0.21	-	9.76	-1.44	87	125
Klamath Falls	37	87	61	-3	76	-16	-	-0.14	-	10.18	-2.29	82	82
Klamath Falls <sup>8</sup>	37	87	61	-3	76	-16	-	-0.14	-	12.67	0.20	102	110
Lakeview <sup>8</sup>	35	86	59	-4	61	-21	-	-0.22	-	15.46	0.85	106	123
Lorella <sup>8</sup>	36	87	60	-4	68	-24	0.01	-0.13	1	13.46	0.99	108	113
Redmond	33	90	59	-3	64	-17	-	-0.14	-	10.41	2.92	139	84
Worden <sup>8</sup>	36	84	59	-5	62	-30	-	-0.14	-	11.87	-0.60	95	95
<b>NORTHEAST</b>													
Baker City	38	88	58	-5	60	-28	0.03	-0.26	1	12.63	3.42	137	119
Joseph	36	84	56	+0	44	-2	0.05	-0.31	1	15.64	-7.10	69	124
La Grande	41	84	60	-5	73	-29	1.64	1.34	2	17.68	1.91	112	131
Imbler <sup>8</sup>	41	89	61	-3	75	-13	0.04	-0.26	1	21.66	-0.16	99	145
<b>SOUTHEAST</b>													
Ontario	49	92	68	-3	131	-16	-	-0.14	-	11.61	2.63	129	93
Rome	38	91	66	-2	111	-6	-	-0.21	-	14.19	6.85	193	98

<sup>1</sup> Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2010.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.